

### **WHAT IS CLAIMED IS:**

1. A method for forming objects comprising:

step 1: spreading base material on a limited area by nozzles;

5      step 2: proceeding a first time of physical or chemical change on selected areas by ultra violet beams or infra-red beams and the base material becoming gel-like material;

step 3: selectively proceeding a second time of physical or chemical change by laser beam on the selected areas of the base material and a nature of the gel-like material becoming acceptable;

10      step 4: repeating steps 1-3 pre-determined times which are the number of layers of the two dimensional areas cut from a solid object, and building connection between the layers;

step 5: removing the base material after the first time of physical or chemical change from a result after the second time of physical or chemical change  
15      so as to obtain a final prototype.

2. The method as claimed in claim 1, wherein the base material in step 1 is rolled in the limited area to be a flat surface by rollers.

3. The method as claimed in claim 1, wherein the base material is spread on a limited area by the nozzles and then rolled to be a flat surface by rollers.

20      4. The method as claimed in claim 1, wherein the base material on the selected areas is proceeded the first time of physical or chemical change by ultra violet beams or infra-red beams.

5. The method as claimed in claim 1, wherein the base material is proceeded the second time of physical or chemical change by adding additional material thereto.